

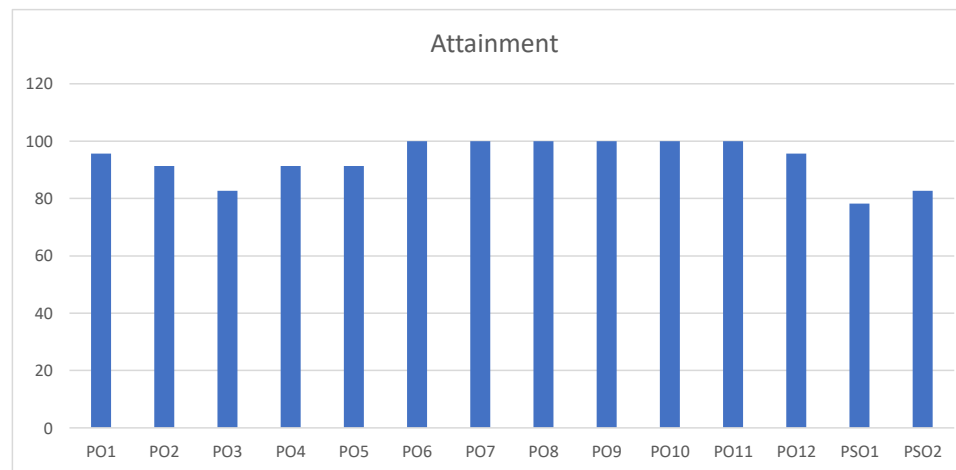
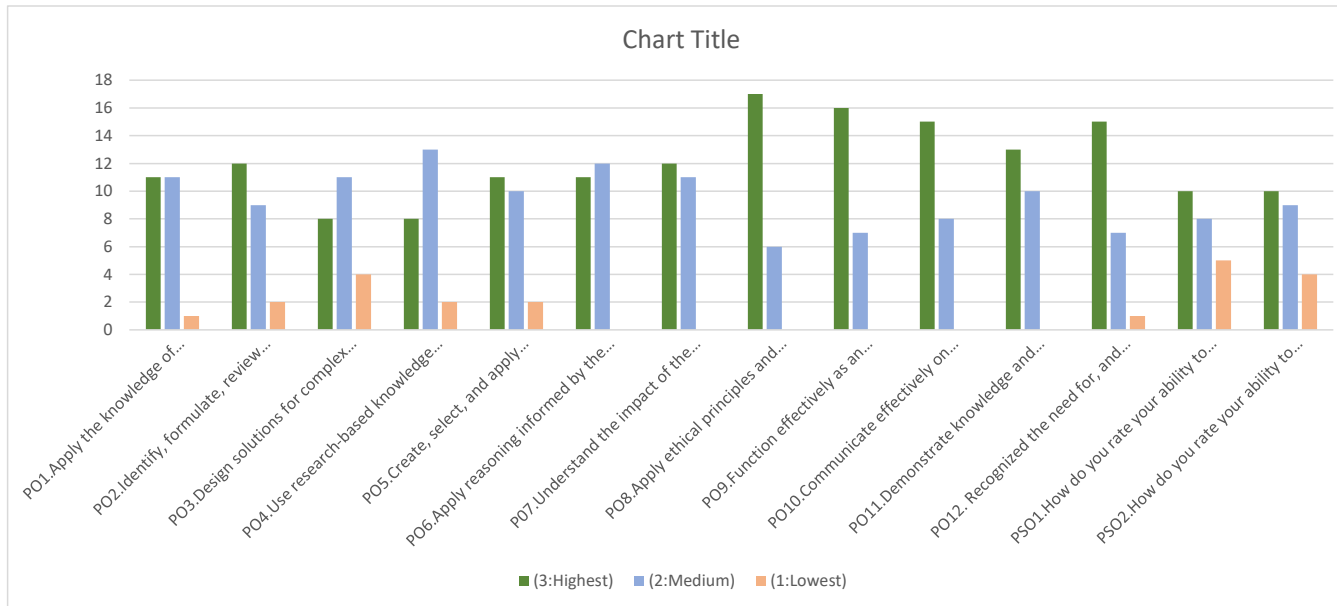
Graduate Exit Survey and Alumni Survey
DEPARTMENT OF ELECTRONICS
ENGINEERING

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ELECTRONICS DEPARTMENT - ALUMNI Survey - 2019-2020

Topic: How do you rate your ability to:	(3: Highest)	(2: Medium)	(1: Lowest)	No. Of Participant s	% Response for 3 Highest	%Response for 2 Medium	% Response for 1 Lowest	Attainment
PO1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	11	11	1	23	47.82608696	47.82608696	4.347826087	95.65217391
PO2. Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of	12	9	2	23	52.17391304	39.13043478	8.695652174	91.30434783
PO3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and	8	11	4	23	34.7826087	47.82608696	17.39130435	82.60869565
PO4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions	8	13	2	23	34.7826087	56.52173913	8.695652174	91.30434783
PO5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling of complex engineering activities with an understanding of the limitations	11	10	2	23	47.82608696	43.47826087	8.695652174	91.30434783
PO6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	11	12	0	23	47.82608696	52.17391304	0	100
PO7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development	12	11	0	23	52.17391304	47.82608696	0	100
PO8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice	17	6	0	23	73.91304348	26.08695652	0	100
PO9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	16	7	0	23	69.56521739	30.43478261	0	100
PO10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions	15	8	0	23	65.2173913	34.7826087	0	100
PO11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments	13	10	0	23	56.52173913	43.47826087	0	100
PO12. Recognized the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change	15	7	1	23	65.2173913	30.43478261	4.347826087	95.65217391
PSO1. How do you rate your ability to provide optimal solutions for real-life problems based on the knowledge acquired in the field of Automation, Embedded System	10	8	5	23	43.47826087	34.7826087	21.73913043	78.26086957
PSO2. How do you rate your ability to test and debug hardware and software for Electronic Systems.	10	9	4	23	43.47826087	39.13043478	17.39130435	82.60869565

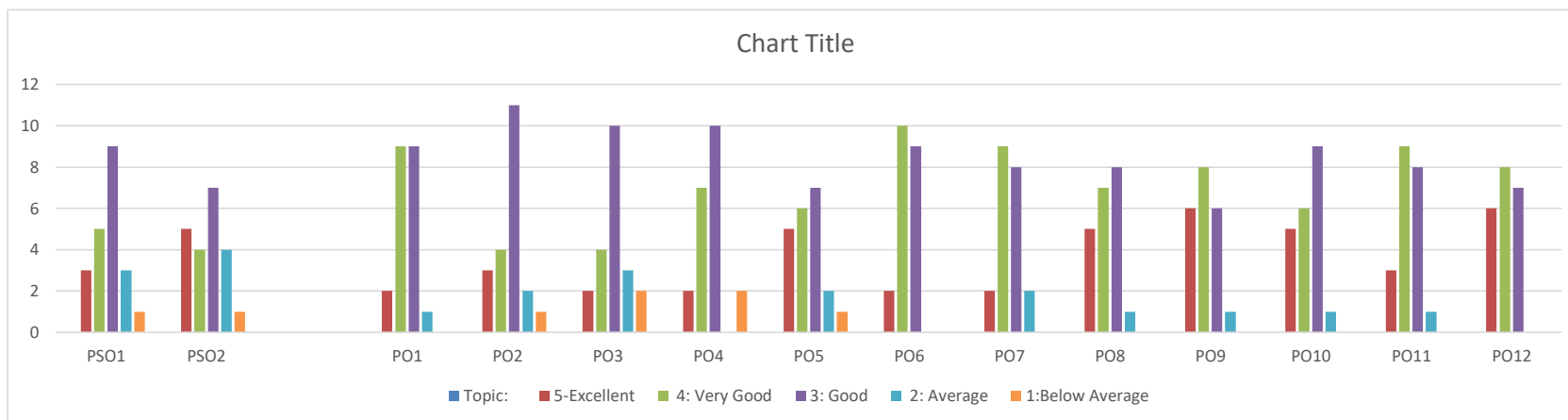


PO	Attainment
PO1	95.652174
PO2	91.304348
PO3	82.608696
PO4	91.304348
PO5	91.304348
PO6	100
PO7	100
PO8	100
PO9	100
PO10	100
PO11	100
PO12	95.652174
PSO1	78.26087
PSO2	82.60869565

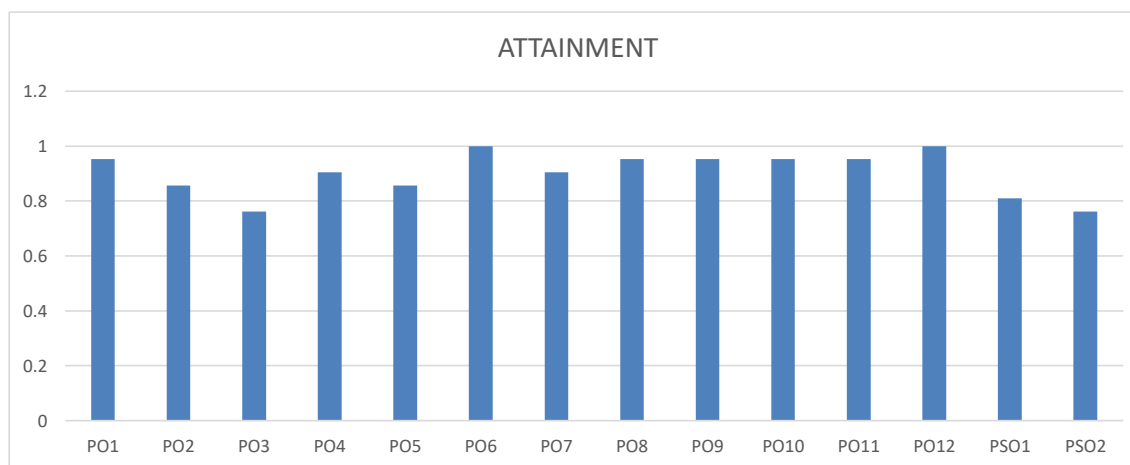
ELECTRONICS DEPARTMENT - Graduate Exit Survey - 2019-2020

	Topic:	5-Excellent	4: Very Good	3: Good	2: Average	1:Below Average	Sum of Responses above threshold
PSO1	Your ability to provide optimal solutions for real-life problems based on the knowledge acquired in field of Automation, Embedded System Design, Communications & Signal Processing.	3	5	9	3	1	17
PSO2	Your ability to test and debug hardware & software for Electronic Systems*	5	4	7	4	1	16
PO1	Your ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.*	2	9	9	1	0	20
PO2	Your ability to identify, formulate, review research literature, and analyze complex engineering problems.	3	4	11	2	1	18
PO3	Your ability to design solutions for complex engineering problems and design system components or processes*	2	4	10	3	2	16
PO4	Your ability to conduct investigations of complex problems using research based knowledge and research methods.	2	7	10	0	2	19
PO5	Your ability to use modern tools.	5	6	7	2	1	18
PO6	Your ability to apply reasoning informed by the contextual knowledge to assess societal,health, safety, legal and cultural issues.	2	10	9	0	0	21
PO7	Your ability to understand the impact of the professional engineering solutions in societal and environmental contexts.	2	9	8	2	0	19
PO8	Your ability to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	5	7	8	1	0	20
PO9	Your ability Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	6	8	6	1	0	20

PO10	Your ability to communicate effectively on complex engineering activities with the engineering community and with society at large.	5	6	9	1	0	20
PO11	Your ability to demonstrate knowledge and understanding of the engineering and management principles.	3	9	8	1	0	20
PO12	Your ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning.	6	8	7	0	0	21



Total No. of respondents=21



PO	ATTAINMENT
PO1	0.952380952
PO2	0.857142857
PO3	0.761904762
PO4	0.904761905
PO5	0.857142857
PO6	1
PO7	0.904761905
PO8	0.952380952
PO9	0.952380952
PO10	0.952380952
PO11	0.952380952
PO12	1
PSO1	0.80952381
PSO2	0.761904762